# CIBT-P01-130SequenceListing SEQUENCE LISTING

<110> Huston, J. Houston, L.L. Ring, D. Oppermann, H. <120> BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING <130> CIBT-P01-130 <140> 09/558,741 <141> 2000-04-26 <150> 07/831,967 <151> 1992-02-06 <160> 16 <170> PatentIn version 3.1 <210> 909 <211> <212> DNA Artificial Sequence <220> <223> 741F8 sFv' <220> <221> <222> CDS (3)..(752) <400> 1 cc atg gcg gag atc caa ttg gtg cag tct gga cct gag ctg aag aag Met Ala Glu Ile Gln Leu Val Gln Ser Gly Pro Glu Leu Lys Lys 1 5 10 47 cct gga gag aca gtc aag atc tcc tgc aag gct tct ggg tat acc ttc Pro Gly Glu Thr Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe 20 25 3095 aca aac tat gga atg aac tgg gtg aag cag gct cca gga aag ggt tta Thr Asn Tyr Gly Met Asn Trp Val Lys Gln Ala Pro Gly Lys Gly Leu 35 40 45 143 aag tgg atg ggc tgg ata aac acc aac act gga gag cca aca tat gct Lys Trp Met Gly Trp Ile Asn Thr Asn Thr Gly Glu Pro Thr Tyr Ala 50 60 191 gaa gag ttc aag gga cgg ttt gcc ttc tct ttg gaa acc tct gcc agc Glu Glu Phe Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Ser 65 70 75 239 act gcc tat ttg cag atc aag aag ctc aaa aat gag gac acg gct aca Thr Ala Tyr Leu Gln Ile Lys Lys Leu Lys Asn Glu Asp Thr Ala Thr 80 90 95 287 tat ttc tgt gga agg caa ttt att acc tac ggc ggg ttt gct aac tgg Page 1 335



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719

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Phe Tyr Met Asn Trp Val Arg Gln Ser His Gly Lys Ser Leu Asp Tyr 35 40 45

Ile Gly Tyr Ile Ser Pro Tyr Ser Gly Val Thr Gly Tyr Asn Gln Lys  $\stackrel{/}{\sim}$  50 55 60

Phe Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala 65 70 75 80

Tyr Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr 85 90 95

Cys Ala Gly Ser Ser Gly Asn Lys Trp Ala Met Asp Tyr Trp Gly His 100 110

Gly Ala Ser Val Thr Val Ser Ser Ser Gly Ser Ser Ser Ser Gly Ser 115 120

Ser Ser Ser Gly Ser Asp Val Val Met Thr Gln Thr Pro Leu Ser Leu 130 140

Pro Val Ser Leu Gly Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln 145 150 160

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CIBT-P01-130SequenceListing Ser Leu Val His Ser Asn Gly Asn Thr Tyr Leu Asn Trp Tyr Leu Gln
165 170 175 Lys Ala Gly Gln Ser Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg 180 185 190 Phe Ser Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp 200 205 Phe Thr Leu Lys Ile Ser Arg Val Gln Ala Glu Asp Leu Gly Ile Tyr 210 220 Phe Cys Ser Gln Thr Thr His Val Pro Pro Thr Phe Gly Gly Gly Thr 225 230 235 Lys Leu Glu Ile Lys Arg Ser Gly Gly Gly Cys 245

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Gly Met Asn Trp Met Lys Gln Ala Pro Gly Lys Gly Leu Lys Trp Met
45
Page 7

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Mus musculus
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Gly Tyr Ile Ser Pro Tyr Ser Gly Val Thr Gly Tyr Asn Gln Lys Phe 50 55 60

Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr 65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys 85 90 95 Page 10

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Ala Ala Ser Val Thr Val Ser Ser 115

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Lys Gly Lys Ala Thr Leu Thr Ala Asp Lys Ser Ser Ser Thr Ala Tyr 65 70 75

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85
90
95

Ala Arg Asn Leu Ile Ala Gly Cys Ile Asp Val Trp Gly Gln Gly Ser 100 110

Leu Val Thr Val Ser Ser 115

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